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(71) Applicant (for all designated States except US): **POLY-
MERS AUSTRALIA PTY LIMITED** [AU/AU]; 32 Busi-
ness Park Drive, Notting Hill, Victoria 3168 (AU).

(71) Applicants and

(72) Inventors: **ALEXANDER, Graeme** [AU/AU]; 2/1 Daff
Avenue, Hampton East, Victoria 3188 (AU). **CHENG,
Yi-Bing** [AU/AU]; 639 Highbury Road, East Burwood,
Victoria 3151 (AU). **BURFORD, Robert, Paul** [AU/AU];
107 Prospect Road, Summer Hill, New South Wales 2130
(AU). **SHANKS, Robert** [AU/AU]; 6 Britten Street, Glen
Iris, Victoria 3146 (AU). **MANSOURI, Jaleh** [AU/AU];
437/83-93 Dalmeny Avenue, Rosebery, New South Wales
2018 (AU). **GENOVESE, Antonietta** [AU/AU]; 130
Bay Road, Sandringham, Victoria 3191 (AU). **BARBER,
Kenneth, Willis** [AU/AU]; "Istana Park", Cherry Swamp
Road, Little River, Victoria 3211 (AU). **RODRIGO,
Pulahinge, Don Dayananda** [AU/AU]; 9 Murillo Court,
Doncaster, Victoria 3108 (AU).

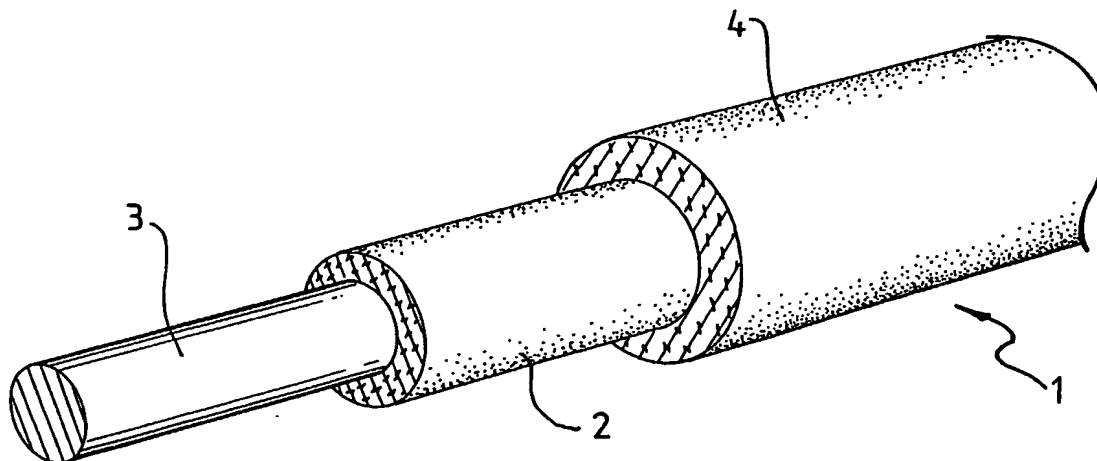
(72) Inventors; and

(75) Inventors/Applicants (for US only): **DOWLING,
Vincent, Patrick** [AU/AU]; 4 Anderson Avenue, East
Bentleigh, Victoria 3165 (AU). **RUSSELL, Lee, Joy**
[AU/AU]; 65 McPherson Street, Moonee Ponds, Victoria
3039 (AU). **IVANOV, Ivan** [AU/AU]; 10/2 Wingate
Avenue, Ascot Vale, Victoria 3032 (AU).

(74) Agent: **FREEHILLS CARTER SMITH BEADLE**;
Level 43, 101 Collins Street, Melbourne, Victoria 3000
(AU).

[Continued on next page]

(54) Title: FIRE RESISTANT POLYMERIC COMPOSITIONS



(57) Abstract: A fire resistant composition for forming a fire resistant ceramic at elevated temperatures, the composition comprising: at least 15% by weight based on the total weight of the composition of a polymer base composition comprising at least 50% by weight of an organic polymer; and at least 20% by weight based on the total weight of the composition of a silicate mineral filler; wherein upon exposure to an elevated temperature (experienced under fire conditions), the fire resistant composition is useful for passive fire protection applications, particularly cables, the fluxing oxide is present in an amount of from 1 to 15% by weight of the residue.

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Derwent Online Abstracts and USPTO full text, keywords covering combinations of (plastics or polymers) with (wires or cables) with (mineral silicates including mica, wollastonite and talc) with (fluxes/frits, low melting point metal oxides), period 1975-2003

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, Y	US 6433049 B (ROMENESKO et. al.) 13 August 2002 See especially columns 4 line 8 - column 8 line 51.	1-48
Y	US 6239378 B (SHEPHARD) 29 May 2001 See claim 1, examples	1-48
X, Y	WO 00/68337 A (WOLSTENHOLME INTERNATIONAL LTD 16 November 2000. See examples, page 14 line 15-page 15 line 3.	1-48
X, Y	WO 00/66657 A (ALCAN INTERNATIONAL LTD) 9 November 2000 See claims 1-10, examples.	1-48

☒ Further documents are listed in the continuation of Box C

☒ See patent family annex

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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Name and mailing address of the ISA/AU
AUSTRALIAN PATENT OFFICE
PO BOX 200, WODEN ACT 2606, AUSTRALIA
E-mail address: pct@ipaustalia.gov.au
Facsimile No. (02) 6285 3929

Authorized officer


GRAEME J. BROXAM

Telephone No : (02) 6283 2133

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU03/01383

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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